

SUPPORT FOR AMENDED CLAIMS:

Claims requiring support are identified and supported below. Amended claims without support here, would be supported in the claims they are amending, as the changes are generally re-wording.

Claim 37: (Currently amended)

A buoy platform comprising:

- (a) a floating platform positioned in relation to a target,
- (b) a payload platform fixed to the floating platform and stabilized in at least two axes using sensor means to sense motion, and
- (c) a further sensor means to sense the target,
- (d) one or more motors to move the payload platform in response to the first sensor means to sense motion,
- (e) a painting tool which is stabilized by the payload platform,
- (f) the painting tool is controlled by at least one of a person, or a computer to paint areas of the target, and
- (g) the painting tool, which is stabilized, applies paint evenly to the target areas to be painted.

SUPPORT: Defined “sensor means to sense motion is described in paragraph 0011 and includes level sensors, gyros, rate sensors, etc.. Sensor means to sense the target is found in paragraph 0009 describing image sensors to “sense the location of the piling and non-painted areas of the piling” and it also describes evenly applying paint. Paragraph 0036 describes the painting tool; “[0036] Buoy platform 1A has a painting tool 40, which is firmly attached to the top of the stabilized platform's top motor 54”

Claim 38: (Currently amended.)

The stabilized buoy platform of Claim 37 wherein a person is stabilized by a stabilizing platform.

SUPPORT: FIG 8 shows a person who is stabilized on a stabilized platform.

Claim 47: (Currently amended)

The stabilized buoy platform of Claim 37 wherein a computer that is stationed on the buoy platform, interprets camera or sensor imagery to determine non painted areas or areas where paint needs to be applied.

SUPPORT: Specification paragraph 0009: An automated paint gun can be programmed to paint even, continuous strokes of paint. This is accomplished because the buoy's stabilization system stabilizing the imaging sensor to clearly sense the location of the piling and the non-painted areas on the piling.

Claim 49: (Currently amended)

A stabilized buoy platform comprising:

- (a) a floating platform
- (b) at least one stabilizing payload platform is mounted to the buoy;
- (c) an extension arm fixed to, or comprising the payload platform and extending downward into the water, and
- (d) at least one sensor, for sensing below water, is fixed to the extension arm, and
- (e) at least one of a sensor above the water is stabilized for sensing a target, or the sensor for sensing below water is stabilized.

SUPPORT: This embodiment is shown in FIG 6, and described in column 4, FIG 6.

Claim 54: (Currently amended)

The method of claim 49 including the step of;
using species of sensors and tools, applicable in surveillance, security, protection and
tasks where tools need to be stabilized to perform their intended functions in the presence
of motion of a buoy platform.

SUPPORT: The wording for the species of objects and tool applicable in surveillance, etc., comes from the abstract which reads: “ The invention also provides for other species of objects and tools applicable in surveillance, security, protection and tasks where tools need to be stabilized to perform their intended functions”

Claim 62 (Currently amended)

The method of fighting a fire comprising;

- (a) mounting on floating platform at least one stabilizing platform upon which is mounted fire fighting apparatus that is being stabilized, and
- (b) mounting a sensor for sensing heat or fire on the floating platform, and
- (c) mounting a computer on the floating platform, and
- (d) using the information from the heat or fire sensor to aim the fire fighting apparatus to fight the fire.

SUPPORT: Identification of fire fighting apparatus is at paragraph 0003, and the sensor for sensing heat or fire is in paragraph 0008.

Claim 83: (New)

A buoy platform comprising:

- (a) a floating platform positioned in relation to a target,
- (b) a payload platform fixed to the floating platform and stabilized using sensor means to sense motion, and
- (c) a further sensor means to sense the target,
- (d) one or more motors to move the payload platform in response to the sensor means to sense motion,
- (e) fixed to the payload platform is at least one of a variety of tools which are able to undertake physical operations that need to be stabilized from motion of the floating platform to perform their intended functions .

SUPPORT: Items (a) – (d) are found in claim 37. The wording for (d), the variety of tool undertaking physical operations is found in paragraph 0006 at line 15: “Different embodiments would also include “tools” to undertake a variety of physical operations”

Claim 84: (New)

The buoy platform of claim 83 wherein a person is stabilized by a stabilizing platform mounted on the buoy platform.

SUPPORT: FIG 8 shows a person who is stabilized on a stabilized platform.

Claim 85: (New)

The buoy platform of claim 83 wherein a computer stationed on the buoy platform interprets camera or sensor imagery, identifies a target, and the computer sends signals which control at least one payload platforms to track the target.

SUPPORT: Original claim 10 reads: “The stabilized buoy platform of claim 1 wherein the device and/or tools are sensors and

- (a) a computer recognizes movement within the stabilized sensor image; and
- (b) the computer sends signals to the stabilizer and/or camera which control the stabilizer and/or camera to track the movement of the object seen within the stabilized image.

Claim 86: (New)

The buoy platform of claim 83 comprising a propulsion unit to move the buoy to various locations.

SUPPORT: The specification FIG 1 shows a motor to the right of the anchor.

Claim 87: (New)

The buoy platform of claim 83 is operated by at least one of remote control or autonomously.

SUPPORT: The specification in paragraph 0036 describing FIG 2 states; “The stabilizing platform is preferably remote controlled and/or autonomous and provides an attachment ...”

Claim 88: (New)

The buoy platform of claim 83 wherein the distance of the tool above the water can be varied by components such as a jack screw.

SUPPORT: Specification paragraph 0030 states: The distance of the tool above the water can be varied by adjusting components that would determine height and may include the use of a jack screw as an element of base plate 4.

Claim 88: (New)

The buoy platform of claim 83 wherein fixed to the payload platform is at least one of the species of objects and tools applicable in surveillance, security, protection and tasks

where tools need to be stabilized from motion of the floating platform to perform their intended functions.

SUPPORT: The wording for the species of objects and tool applicable in surveillance, etc., comes from the abstract which reads: “ The invention also provides for other species of objects and tools applicable in surveillance, security, protection and tasks where tools need to be stabilized to perform their intended functions”

END OF SUPPORT FOR AMENDED CLAIMS